

17) Family number: 12393236 ( JP11032037  
A2)

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**Title:** CERTIFICATION DATA GENERATING DEVICE

Priority: JP19970188801 19970714  
Priority Map

Family:	Publication number	Publication date	Application number	Application date	Link
<u>Family Explorer</u>	JP11032037 A2	19990202	JP19970188801	19970714	
	JP3641909 B2	20050427	JP19970188801	19970714	

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**International class (IPC 8):** G06F15/00 G06F9/06 G09C1/00 H04L9/32 (Advanced/Invention); G06F15/00 G06F9/06 G09C1/00 H04L9/32 (Core/Invention)

**International G06F15/00 G06F9/06 G09C1/00 H04L9/32  
class (IPC 1-  
7):**

### Abstract:

Source: JP11032037A2 PROBLEM TO BE SOLVED: To pre-pay access qualification to purchase or rent without imposing any surplus load on a certification data generating device side. SOLUTION: A pre-paid purchase ticket  $T_1$  is stored in an access ticket storing part 13.

Next,  $(T_1', n_2)$  is inputted to a certification data-imputting part 14. A use condition judging part 15 extracts a corresponding access ticket  $(t_2, L_2, n_2)$ , checks whether or not a use condition  $L_2$  is fulfilled, and reduces frequency information  $V$ , when the use condition is fulfilled. A certification data generating and outputting part 16 calculates certification data  $R$  by using auxiliary certification decision  $(t)_2$  and the use condition  $L_2$  extracted by the use condition decision part 15 and (du) read from a user specific information storing part 11, and outputs  $T_1$ . A user performs access to a program in a purchase state or a rent state by using the  $T_1$ .

